

PROJECT 10073 RECORD CARD

1. DATE 12 Oct 1963	2. LOCATION 40.40N 174.30W (Pacific)	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Other ECHO I <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local 13/0600Z GMT	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Air-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Military	
7. LENGTH OF OBSERVATION 10 Minutes	8. NUMBER OF OBJECTS 1	9. COURSE W-E
10. BRIEF SUMMARY OF SIGHTING One Satellite. Size and brightness of 1st mag star. Altitude unknown. Elev 15 deg. Covered 30 deg arc in 10 minutes.	11. COMMENTS ECHO was heading SE at 10 deg N 180 W at time of report. Time difference within limits of possible Error (12 min) and case considered as ECHO sighting.	

INCOMING

01

AF IN: 40250 (13 Oct 63) L/lcb

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INFO: NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, CMC-8, JCS-35,
OSD-15, NSA-7, DIA-25, DIA-CTIC-2, (112)

SMB C031

RZCHQA303ZCECD044

OO RUEAHQ

DE RUHPF B019 13/0648Z

ZNR

O 130647Z

FM COMBAR PAC

TO RUKACR/COMALSEAFRON

RUKDAG/COMALAIRCOM

RUHLKM/CINCPACAF

ZEN/CINCNORAD

INFO RUECW/CNO

RUEAHQ/COFS USAF

RUHPA/CINCPAC

RUHPB/CINCPACFLT

RUHAFS/CINCUSARPAC

RUHLKMP/PACAFBASECOM HICKAM

RUECW/SECNAV

RUHPHH/COMHAWSEAFRON

RUUAUAH/HADD KUNIA

BT

UNCLAS

0572 Z AT 330.5°

+48° = -149.15

0600Z .. 180°

SET AT 180° W
10° N

0572
34
0546 -

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

INCOMING

AF IN: 40250 (13 Oct 63)

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- A. JANAP 145D
- 1. CIRVIS REPORT
- 2. NAVY 143188
- 3. ONE SATELLITE, SIZE AND BRIGHTNESS OF FIRST MAG STAR.
- 4. OBSERVED FROM POSITION LAT 40-40N LONG 174-30W 180 DEGREES
TRUE 15 DEGREES ABOVE HORIZON DISTANCE UNKNOWN.
- 5. 130600Z
- 6. ALTITUDE UNKNOWN
- 7. WESWUQ
- 8. COVERED 30 DEGREE ARC IN 10 MINUTES.
- 9. NONE

BT

NOTE: ADVANCED COPIES SENT TO DIA-CIIC, XOPX, NIN,
RETRANSMITTED TO CIA.

12047

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

NNNNZCHQE101

01

INCOMING

AF IN : 40266 (13 Oct 63) L/gf

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INFO : NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, CMC-8, JCS-35,
OSD-15, NSA-7, DIA-25, DIA/CIIC-2 (112)

SMB C033

ZCHQE101ZCEJA467

RR RUEAHQ

DE RUHLKH 3 13/0711Z

ZNR

R 130700Z

FM 326 AIR DIV KUNIA FACILITY HA

TO RUHLKM/PACAF HICKAM AFB HA

RUHPHH/COMHAWSEA FRON PEARL HARBOR HA

INFO RUEAHQ/CSAF USAF WASH DC

RUECW/CNO WASH DA

RUECW/SECNAV WASH DC

RUWGALB/CINCNORAD ENT AFB COLO

RUHPA/CONCPAC CAMP H M SMITH HA

RUHAFS/CONCUSARPAC FT AHSFTER HA

RUHPB/CONCPACFLT PEARL HARBOR HA

RUUAUZ/COMSJAPAN FUCHU AS JAPN

RUAMC/COMUSKOREA SEOUL KOREA

RUAGFL/COMUSTDC TAIPEI TAIWAN

RUCSBRB/CONCSAC OFFUTT AFB NEBR

AF GRNC

BT

INCOMING

AF IN : 40266 (13 Oct 63)

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UNCLAS

1. CIRVIS REPORT-COMBARPAC
2. NAVY 143188
3. SATELLITE, SIZE AND BRIGHTNESS OF FIRST MSG STAR
4. OBSERVED FROM POSITION LAT. 40-40 N LONG 174-30W
180 DEG TRUE 15 DEG ABOVE HORIZON DISTANCE

UNKNOWN

5. 130600Z
6. ALTITUDE UNKNOWN
7. WEST TO EAST
8. COVERED 30 DEGREE ARC IN 10 MINUTES
9. NONE

BT

NOTE : Advance copy del to XOPX, NIN & DIA/CIIC.
TRANSMITTED TO CIA.

SATELLITE 1963 OCT 1, MSG 3

These predictions are based on orbital elements revised on October 7, 1963
 1. e. Circular orbit elements are in days, U.T.
 Revision of period = 97.056 + 3.869 (E-2)
 Right ascension of ascending node = 145.748 + 3.923 (E-2)
 Mean anomaly (deg.) = 0.6459 + 12.3302 (E-4) E.0005 = 10⁻⁶ (E-2)

SATELLITE 1963 OCT 1, MSG 3

EQUATOR									
TIME	LONG. COOR.	LAT. COOR.	TIME	LONG. COOR.	LAT. COOR.	TIME	LONG. COOR.	LAT. COOR.	TIME
1671	1681	1691	1681	1691	1681	1681	1691	1681	1681
0 31.1	259.13	47.5	25.3	-53.55	45.2	90.0*	25.3	-53.50	90.0*
2 25.9	264.16	45.0	21.1	-61.23	64.8	72.3	30.6	-105.68	73.7
4 15.6	313.16	50.0	11.4	-53.95	62.8	60.7	36.5	-120.92	63.4
6 15.3	342.21	35.0	11.4	-53.77	54.1	57.5	37.5	-126.54	54.0
8 10.1	111.23	30.0	12.3	-28.58	62.0	69.5	40.1	-137.81	60.7
10 4.8	40.48	20.0	6.0	-17.44	63.6	43.4	44.7	-145.12	79.5
12 5.2	6.5	0.	6.4	-17.40	70.7	40.0*	35.1	-134.30	10.6
14 5.3	92.31	-27.0	6.4	-43.74	62.6	43.7	31.0	-187.37	11.6
16 4.0	127.34	-30.0	-1.3	-1.31	26.6	59.9	-45.7	-136.35	11.6
18 4.7	156.34	-17.6	-15.6	-32.59	94.2	53.9	-62.7	-126.42	11.6
20 4.4	185.39	-10.0	-10.0	-55.36	99.0	60.6	-36.7	-119.72	11.6
22 3.2	214.44	-15.0	-15.0	-23.3	103.1	72.2*	-34.6	-104.65	11.6
24 27.9	243.44	-47.5	-26.9	-52.67	111.6	90.0*	-26.9	-107.62	11.6
OCTOBER 12, 1963									
0 31.1	259.13	47.5	25.3	-53.55	45.2	90.0*	25.3	-53.50	90.0*
2 25.9	264.16	45.0	21.1	-61.23	64.8	72.3	30.6	-105.68	73.7
4 15.6	313.16	50.0	11.4	-53.95	62.8	60.7	36.5	-120.92	63.4
6 15.3	342.21	35.0	11.4	-53.77	54.1	57.5	37.5	-126.54	54.0
8 10.1	111.23	30.0	12.3	-28.58	62.0	69.5	40.1	-137.81	60.7
10 4.8	40.48	20.0	6.0	-17.44	63.6	43.4	44.7	-145.12	79.5
12 5.2	6.5	0.	6.4	-17.40	70.7	40.0*	35.1	-134.30	10.6
14 5.3	92.31	-27.0	6.4	-43.74	62.6	43.7	31.0	-187.37	11.6
16 4.0	127.34	-30.0	-1.3	-1.31	26.6	59.9	-45.7	-136.35	11.6
18 4.7	156.34	-17.6	-15.6	-32.59	94.2	53.9	-62.7	-126.42	11.6
20 4.4	185.39	-10.0	-10.0	-55.36	99.0	60.6	-36.7	-119.72	11.6
22 3.2	214.44	-15.0	-15.0	-23.3	103.1	72.2*	-34.6	-104.65	11.6
24 27.9	243.44	-47.5	-26.9	-52.67	111.6	90.0*	-26.9	-107.62	11.6
OCTOBER 13, 1963									
0 31.1	259.13	47.5	25.3	-53.55	45.2	90.0*	25.3	-53.50	90.0*
2 25.9	264.16	45.0	21.1	-61.23	64.8	72.3	30.6	-105.68	73.7
4 15.6	313.16	50.0	11.4	-53.95	62.8	60.7	36.5	-120.92	63.4
6 15.3	342.21	35.0	11.4	-53.77	54.1	57.5	37.5	-126.54	54.0
8 10.1	111.23	30.0	12.3	-28.58	62.0	69.5	40.1	-137.81	60.7
10 4.8	40.48	20.0	6.0	-17.44	63.6	43.4	44.7	-145.12	79.5
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24 27.9	243.44	-47.5	-26.9	-52.67	111.6	90.0*	-26.9	-107.62	11.6
OCTOBER 14, 1963									
0 31.1	259.13	47.5	25.3	-53.55	45.2	90.0*	25.3	-53.50	90.0*
2 25.9	264.16	45.0	21.1	-61.23	64.8	72.3	30.6	-105.68	73.7
4 15.6	313.16	50.0	11.4	-53.95	62.8	60.7	36.5	-120.92	63.4
6 15.3	342.21	35.0	11.4	-53.77	54.1	57.5	37.5	-126.54	54.0
8 10.1	111.23	30.0	12.3	-28.58	62.0	69.5	40.1	-137.81	60.7
10 4.8	40.48	20.0	6.0	-17.44	63.6	43.4	44.7	-145.12	79.5
12 5.2	6.5	0.	6.4	-17.40	70.7	40.0*	35.1	-134.30	10.6
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20 4.4	185.39	-10.0	-10.0	-55.36	99.0	60.6	-36.7	-119.72	11.6
22 3.2	214.44	-15.0	-15.0	-23.3	103.1	72.2*	-34.6	-104.65	11.6
24 27.9	243.44	-47.5	-26.9	-52.67	111.6	90.0*	-26.9	-107.62	11.6
OCTOBER 15, 1963									
0 31.1	259.13	47.5	25.3	-53.55	45.2	90.0*	25.3	-53.50	90.0*
2 25.9	264.16	45.0	21.1	-61.23	64.8	72.3	30.6	-105.67	73.7
4 15.6	313.16	50.0	11.4	-53.95	62.8	60.7	36.5	-120.93	63.4
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20 4.4	185.39	-10.0	-10.0	-55.36					